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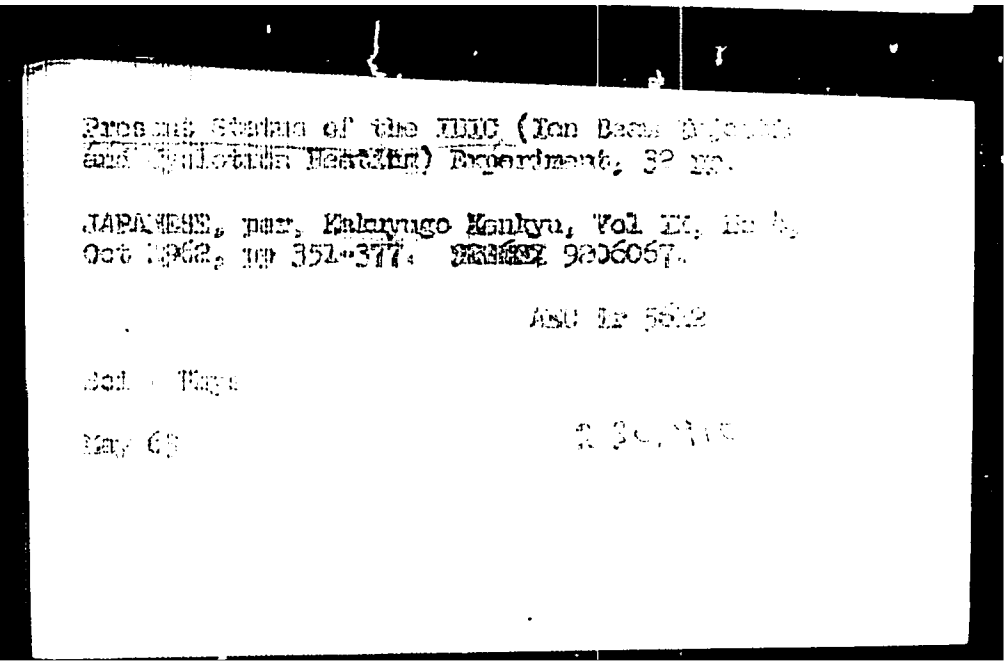

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*UKAEA-Harwell-X-Lxx

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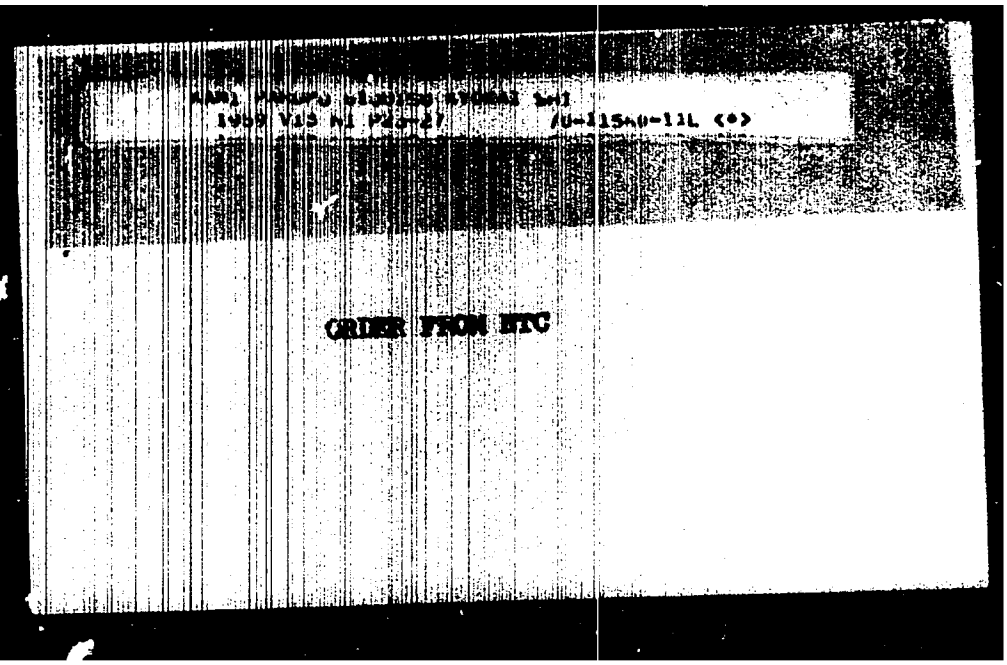

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Simizu, Kitao
SUITABILITY OF RAYON PULP FOR SLURRY STEEPING PROCESS. [1961] [22]p. 6 refs.
Order from SLA $2.60 61-16577

Trans. of Kami Parupu Gijutsu Kyokai-Shi (Japan) 1959, v. 13, no. 95, p. 116-121

DESCRIPTORS: *Rayon fibers, Processing, *Textiles, *Cellulose, Wood pulp, Adhesion.

Slurry-conversion is effected readily in the case of a fiber whose portions of long fibers are abundant, and it progresses more the longer the slurrying time is extended. Slurrying and agitation resistance are inversely related, and agitation resistance is greater the better the slurrying is. Therefore, agitation resistance becomes greater the longer the slurrying time is, and a pulp containing long fiber portions more abundantly has greater agitation resistance. When classed by pulp type, [illegible] is good when the degree of swelling and (Mater.sla--Textiles, TT, v. 6, no. 7) (over)

61-16577

1. Simizu, K.

Office of Technical Services

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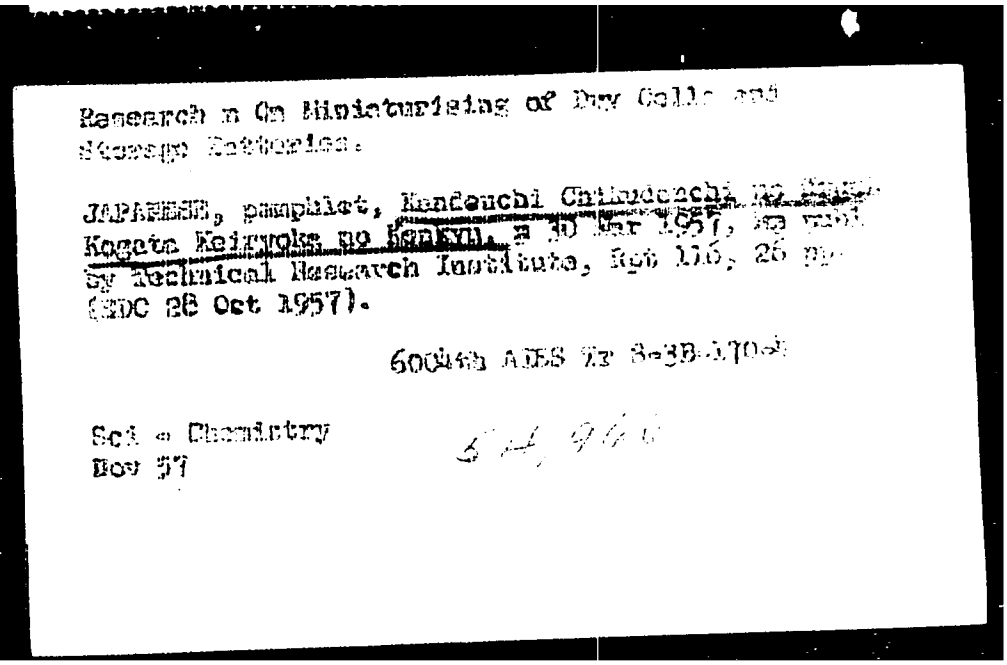

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JPRS 6105

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JPRS 6105

[redacted]
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Sci - Min/Metals

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Heat Test of High Aluminum Alloy Furnace Fork, by
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CHINESE, per, Kang-t'ieh, No 3, 12 Feb 1960,
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[redacted] (IX-4056)

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JPRS 6109

FE - China

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(DC-4056)

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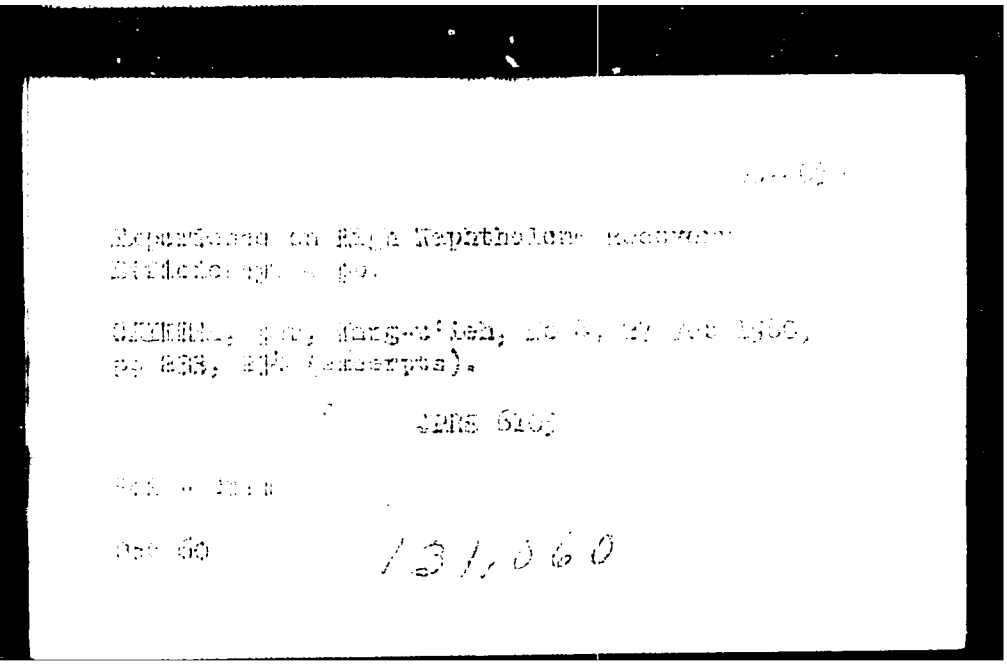

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CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1[illegible], pp 265-270. (excerpts).

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(DC-4050)

Production of 8-kg Light Rail With 400/250 Rolling Mill, by Wei Hui-an, Lee Teh-chuan, Liu-Teh-pe, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1960, pp 276-280. (excerpts)

JPRS 6105

Sci - Min/Metals

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(DC-4056)

Cause and Preventive Measures for Defected Cold-Cast Rollers, by Lee Chi-yu, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar [illegible], p 282. (excerpt).

JPRS 6105

Sci - Engr

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(DC 4056)

Technical Innovation of No. 2 Simple Coke Furnace, by Wang Tzu-yin, Chiai Chang-cheng, Wang Fu-ching, 3 pp.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1959, p 296.(excerpt).

JPRS 6105

Sci - Engr

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(DC-4053)

Questions and Answers, by Tung Hsiu-che, Yuan Yun-pen, 2 pp.

CHINESE, per, Kang-t'ieh, No 9, 12 Mar 1960, p 30S. (excerpts).

JPRS 6105

Sci - Engr, Min/Metals

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(DC-4056)

All-China Large and Medium Tall Furnace Telephone Conference, by Yuan Yun-pen, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1960, pp 308, [redacted] 309. (excerpts).

JPRS 6105

Sci - Engr

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(DC-4056)

Taiyuan City Sponsored Experience Analysis and Exchange Conference, by Chao Fan-ching, 1 p.

CHINESE, per, Kang-t'ieh, No 9, 12 Mar 1,63, p 309. (excerpts).

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(DC-4050)

Substitution of Manganese Residue for Manganese Iron in Production of Better Quality Steel by the Shanghai Fifth Steel Mill, by Chen Yung-hsin, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1960, p 310. (excerpt).

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Sci - Engr

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(DC-4353)

Promoting Negative Common Difference Process at the Hsin-hu Steel Mill, by Ku Jen-chiu, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1960, p 310. (excerpt).

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Sci - Min/Metals

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(DC [illegible])

Use of Simple Rolling Mill to Reduce Alloy at the Ta-yeh Steel Mill, by Wang Yen-chou, 1 p.

CHINESE, per, Kang-t'ieh, No 5, [illegible],
p 310 (excerpts).

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(DC-4092)

Successful Experimentation on Quick Electrolytic Separation of Dissolved Sample at the Institute of Steel, by Ku Ching-li, Liu Shu-cheng, Yang Min-chuan, Chen Shih-chih, 1 p.

CHINESE, per, Kang-t'ieh, No 5, 12 Mar 1960, p 310 (excerpt).

JPRS 6109

Sci - Min/Metals

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(DC-[illegible])

Slag Clearing and Transportation of a Converter Plant,
XX 3 pp.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1960,
pp 361-363 (excerpts).

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(DC-4)(5)

Experience on High Production Rate of Silicon Iron With 3-Ton Electrical Furnace, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar [illegible], p 363 (excerpt).

JPRS [illegible]5

Sci - Engr

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(U-4[illegible])

Use of Sodium Thiosulfate in the Determination of Ferrous Oxide and Iron in Iron Ore, by Jen Hao-hsien, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1[illegible], pp 365, 366 (excerpts).

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Sci - Chem

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(DC-40[illegible])

No. 2 Simple Coke Furnace High Production Exhibition Conference, by Che Shu-chen, 2 pp.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar [illegible], p 371 (excerpts).

JPRS 6105

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(DC-4052)

Coordination Conference Promoting Boron Steel Production Experience, by Wang Shih-chang, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1965, p 372 (excerpts).

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(DC-[illegible])

Experience Exchange Conference on the Production [illegible] Medium Rails, by Tang Yu-hua, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar [illegible], p 372 (excerpts).

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[redacted]

(DC-[illegible])

Russian Rolling Technology Investigation and Observation Group Visited China, by Yang Han-shen, 2 pp.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar [illegible], p 372 (excerpts).

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(DC-4056)

Shanghai's First Automatic Rolling Mill, by Ku Jun-chiu, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1959, p 373 (excerpts).

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(DC-[illegible])

Twenty-Four Struggle for the Realization of Rolling Mill Automation, by Chang Min-chao, [illegible] p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1960, p 373 (excerpts).

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(DC-4056)

Success of Converter-Electrical Furnace Continuous Smelting Process, by Yang Tung, 1 p.

CHINESE, per, Kang-t'ieh, No 6, 27 Mar 1965, p 373 (excerpts).

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(W-1-H5320).

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Experience in Conserving Materials in Electric Furnace, by Wang Hsiu-ch'ieh,

CHINESE, per, Kang-tieh, No 7, 12 Apr 1960, pp 377, 378, 392, 393, 410-416, [illegible], 435, 436.

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Experiment on Raw Material Science in [illegible]
Smelting by Electric Furnaces, 5 [illegible]

CHINESE, per: Kang-tieh, No 7, [illegible]
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JPRS 9650

FE - Chinn
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(SF-1033)

Experience in the Trial Rolling of 18 Kg. Medium Rail and No. 7.5 Angle Steel in 500/300 Double Track Steel Rolling Shop, 2 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 457. (extract)

JPRS 4003

FE - China

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(SF-1033)

Research and Test Manufacture of 15 Kinds of New Standard Boron Steel, by Wang Shih-chang, Chang Mei-ch'ing, Kao Ch'ing-ch'uan, Sung P'i-kang, Hsu Shu-chuang, 3 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 468.

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(SF-1033)

Trial Use of High Aluminum Non-Fire Brick on the Top of Electric Furnaces, 2 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 479. (extract)

JPRS 4083

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(SF-1033)

New Method for the Determination of Sulfur Content in Coal, by Shen Yu-ming, 2 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 482. (extract)

JPRS 4083

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CHINESE, per, Kang T'ieh, No 8, 1960, p 454. (extract)

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(SF-1033)

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(SP-1033)

Substitution of Sugar By Gypsum as a Binding Agent, 2 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 4[illegible]. (extract)

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(SF-1033)

Ways for Increasing Production in Our Modern Coking Furnaces, by Ch'en Kuo-chu, 2 pp.

CHINESE, per, Kang T'ieh, No 8, 1960, p 495. (extract)

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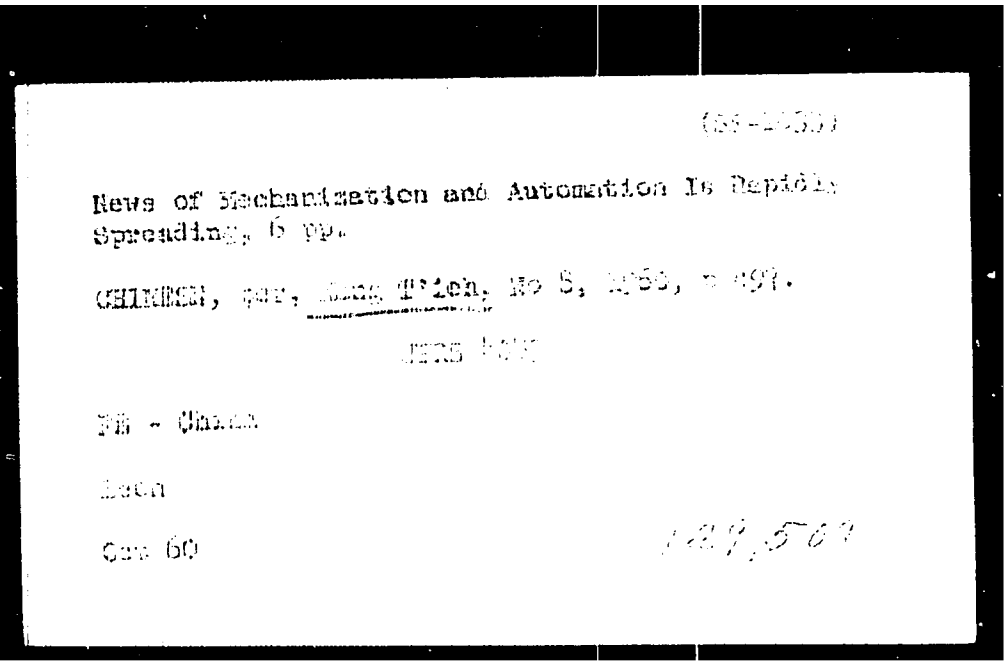

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[illegible]

FB - China

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149,567

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JPRS 411.4

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Hsiao-Yang-Chun Promoted Steel Industry's Great Leap Forward, by Hao-Shou Wang.

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OTS 60-41632

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(JF-1035)

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JPRS 41[illegible]

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Surpass the Open-Hearth Furnace, Catch up With the Electric Furnace and Struggle for High Quality and Varieties of Products in Converter Steel Production, by Yu Ching-Sheng.

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(SF-1033)

Surpass the Open-Hearth Furnace, Catch Up With the Electric Furnace and Struggle for High Quality and Varieties of Products in Converter Steel Production, by Yu Ching-sheng, 7 pp.

CHINESE, per, Kang-t'ieh, No 10, 27 May 1960, pp 579-582 (extracts).

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HO-Fei Special Steel Plant. 500/300 Rolling Mills Produce 24 Kilogram Medium Rails,

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(SF-1033)

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JPRS 4109

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FE FE - Japan
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NLL Ref: 9022.065 (2518)

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NLL 9022.065 (2400)

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